

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 4485-1551:100 Page 1 of 1

**CATEGORY:** Opening Protection (Firestopping)

**LISTEE:** W. R. Grace & Co. – Conn., 62 Whitmore Ave., Cambridge, MA 02140  
Contact: Amal Tamim (617) 498-4441

**DESIGN:** Models KBS® Sealbags and Flamesafe® Bags, Flamesafe® Mortar Seal. Refer to listee's data sheet for detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instructions and applicable codes and ordinances.

**MARKING:** Listee's name, product designation, hourly rating and UL label.

**APPROVAL:** Listed as 1-hour to 3-hour fire-rated through penetration firestopping material. Approved for use in fire resistive floor assemblies. Refer to UL Fire Resistance Directory for detailed constructions.

**NOTE:** Formerly 4060-1162:100, 04485-1162:100

08-18-2000



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 13, 2002**

*Listing Expires **June 30, 2003***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager